

Claim Amendment under 37 C.F.R. §1.121

Claims 1–3. (Previously canceled)

Claim 4. (Currently amended) An automatic control system for a parking brake of an automobile having an oil pipe connecting a brake master cylinder with a wheel cylinder, the automatic control system comprising:

a solenoid check valve installed between an oil outlet of the brake master cylinder and the oil pipe, wherein the solenoid check valve ~~is configured to control~~ controls flow of oil between the master cylinder and the wheel cylinder;

a first proximity switch installed in an accelerate pedal, wherein the first proximity switch detects whether the accelerate pedal is stepped on;

a second proximity switch installed in a brake pedal, wherein the second proximity switch detects whether the brake pedal is stepped on;

a speed sensor configured to sense speed of the automobile;

a stop sensing sensor ~~configured to detect~~ for detecting whether the automobile stops based on a detect signal from the speed sensor output signals from the first and second proximity switches; and

a speed sensor configured to sense speed of the automobile;

a relay controlled by the stop sensing sensor by way of ON/OFF according to whether or not the first proximity switch and the second proximity switch contact and speed signal of the automobile from the speed sensor, and wherein the relay controls the solenoid check valve,

wherein, either when the stop sensing sensor determines that the automobile stops and when the second proximity sensor determines that the brake pedal is stepped on, or when the automobile is on a status of key-off and when the second proximity sensor determines that the brake pedal is stepped on, the solenoid check valve is configured actuated by the ON/OFF of the relay to control the flow of oil between the mater cylinder and the wheel cylinder so as to allow the oil to flow only from the master cylinder to the wheel cylinder, generating a brake effect.

Claim 5. (Canceled)

Claim 6. (Previously presented) The automobile control system of Claim 4, wherein, upon stepping on the brake pedal, a main brake is operated during traveling and a parking brake is operated during stopping.